

UUU	UUU	EEEEEEEEEEEEEEEE	TTTTTTTTTTTTTT	PPPPPPPPPPPPPP
UUU	UUU	EEEEEEEEEEEEEEEE	TTTTTTTTTTTTTT	PPPPPPPPPPPPPP
UUU	UUU	EEEEEEEEEEEEEEEE	TTTTTTTTTTTTTT	PPPPPPPPPPPPPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEEEEEEEEEEE	TTT	PPPPPPPPPPPPPP
UUU	UUU	EEEEEEEEEEEE	TTT	PPPPPPPPPPPPPP
UUU	UUU	EEEEEEEEEEEE	TTT	PPPPPPPPPPPPPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEE	TTT	PPP
UUU	UUU	EEEEEEEEEEEE	TTT	PPP
UUU	UUU	EEEEEEEEEEEE	TTT	PPP
UUU	UUU	EEEEEEEEEEEE	TTT	PPP

\*\*FILE\*\*ID\*\*UETFORT01

UU UU EEEEEEEEEE TTTTTTTTTT FFFFFFFFFF 000000 RRRRRRRR TTTTTTTTTT 000000 11  
UU UU EEEEEEEEEE TTTTTTTTTT FFFFFFFFFF 000000 RRRRRRRR TTTTTTTTTT 000000 11  
UU UU EE TT FF 00 00 RR RR TT 00 00 1111  
UU UU EE TT FF 00 00 RR RR TT 00 00 1111  
UU UU EE TT FF 00 00 RR RR TT 00 00 11  
UU UU EE TT FF 00 00 RR RR TT 00 00 11  
UU UU EEEEEEEEEE TT FFFFFFFF 00 00 RRRRRRRR TT 00 00 11  
UU UU EEEEEEEEEE TT FFFFFFFF 00 00 RRRRRRRR TT 00 00 11  
UU UU EE TT FF 00 00 RR RR TT 00 00 11  
UU UU EE TT FF 00 00 RR RR TT 00 00 11  
UU UU EE TT FF 00 00 RR RR TT 00 00 11  
UU UU EE TT FF 00 00 RR RR TT 00 00 11  
UUUUUUUUUUUU EEEEEEEEEE TT FF 000000 RR RR TT 000000 111111  
UUUUUUUUUUUU EEEEEEEEEE TT FF 000000 RR RR TT 000000 111111

A 10x10 grid of binary symbols. The symbols are arranged to form a stylized letter 'T'. The vertical stroke of the 'T' is on the left, consisting of 10 'L' symbols. The horizontal stroke is on the top, consisting of 10 'S' symbols. The crossbar of the 'T' is in the center, consisting of 10 'I' symbols. The grid is bounded by a thick black border.

```
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0002 C Version: 'V04-000'
0003 C
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0025 C*****
0026 C
0027 C      ALCOA ENGINEERING STANDARDS -- 32.6.7.1      MAY, 1972
0028 C      TESTS OF STANDARD FORTRAN (ANSI X3.9-1966)
0029 C      TEST 3.5.3.3
0030 C
0031 C      PROGRAM UETFORT01
0032 C      INTEGER A(10), B(5,5), C(4,4,4), S
0033 C*****
0034 C      IPU=6
0035 C      ICU=5
0036 C*****
0037 C      ISW= 1
0038 C      WRITE (IPU,376)
0039 C      376 FORMAT(1H1,33X,39H ALCOA ENGINEERING STANDARD -- 32.6.7.1///)
0040 C      WRITE (IPU,378)
0041 C      378 FORMAT (20H BEGIN TEST 3.5.3.3 )
0042 C      DO 9 I=1,10
0043 C      9   A(I)= 0
0044 C      DO 81 J=1,5
0045 C      DO 81 I=1,5
0046 C      81   B(I,J)= 0
0047 C      DO 20 K=1,4
0048 C      DO 20 J=1,4
0049 C      DO 20 I=1,4
0050 C      20   C(I,J,K)=0
0051 C      S=1
0052 C      1   READ( ICU,11 ) I, A(I)
0053 C      IF( A(7) .NE. 7 ) GO TO 30
0054 C      S=2
0055 C      2   READ( ICU,11 ) I,J, B(I,J)
0056 C      IF( B(3,2) .NE. 8 ) GO TO 40
0057 C      S=3
```

```

0058 3 READ( ICU,11 ) I,J,K (( I,J,K )
0059 IF( C(2,3,4) .NE. 58 ) GO TO 50
0060 S=4
0061 200 DO 12 I=1,10
0062 12 A(I)=0
0063 4 READ( ICU,11 ) I,( A(L), L=1,I )
0064 DO 13 I=1,10
0065 IF( A(I) .NE. I ) GO TO 30
0066 13 CONTINUE
0067 S=5
0068 201 DO 14 J=1,5
0069 DO 14 I=1,5
0070 14 B(I,J)=0
0071 5 READ( ICU,11 ) I,J,(( B(L,M),L=1,I),M=1,J )
0072 DO 15 J=1,5
0073 DO 15 I=1,5
0074 IF( B(I,J) .NE. I+5*(J-1) ) GO TO 40
0075 15 CONTINUE
0076 S=6
0077 202 DO 16 K=1,4
0078 DO 16 J=1,4
0079 DO 16 I=1,4
0080 16 C(I,J,K)=0
0081 6 READ( ICU,11 ) I,J,K,((( C(L,M,N),L=1,I),M=1,J),N=1,K )
0082 DO 17 K=1,4
0083 DO 17 J=1,4
0084 DO 17 I=1,4
0085 IF( C(I,J,K) .NE. I+4*(J-1)+16*(K-1) ) GO TO 50
0086 17 CONTINUE
0087 S=7
0088 203 DO 60 K=1,4
0089 DO 60 J=1,4
0090 DO 60 I=1,4
0091 60 C(I,J,K)=0
0092 7 READ( ICU,11 ) I,J,K,C( 2*I, J-1, 3*K+1 )
0093 IF( C(2,3,4) .NE. 58 ) GO TO 50
0094 S=8
0095 205 DO 80 J=1,5
0096 DO 80 I=1,5
0097 80 B(I,J)=0
0098 8 READ( ICU,11 ) I,J,( B(I,N), N=1,J )
0099 DO 82 J=1,5
0100 IF( B(3,J) .NE. 3+5*(J-1) ) GO TO 40
0101 82 CONTINUE
0102 204 GO TO ( 18,19 ), ISW
0103 18 WRITE( IPU,21 )
0104 21 FORMAT( 32H SUCESSFUL COMPLETION )
0105 19 WRITE( IPU,377 )
0106 377 FORMAT( 21H0END OF TEST 3.5.3.3 )
0107 STOP
0108 30 WRITE( IPU,31 ) S,A
0109 31 FORMAT( 19H0ERROR IN STATEMENT, I2 / 9H ARRAY A /
0110 1 1H , 10I3 )
0111 32 ISW=2
0112 S=S+1
0113 40 GO TO ( 1,2,3,200,201,202,203,205,204 ), S
0114 WRITE( IPU,41 ) S,B

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0115 41 FORMAT (19H0ERROR IN STATEMENT,12/9H ARRAY B ,(/  

0116 11H 2013))  

0117 GO TO 32  

0118 50 WRITE (IPU,51) S,C  

0119 51 FORMAT (19H0ERROR IN STATEMENT, 12/ 9H ARRAY C ,(/  

0120 11H 2013))  

0121 GO TO 32  

0122 11 FORMAT( 3912 )  

0123 END

```

## PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	1496	PIC CON REL LCL SHR EXE RD NOWRT LONG
1 \$PDATA	275	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2 \$LOCAL	484	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
Total Space Allocated	2255	

## ENTRY POINTS

Address	Type	Name
0-00000000		UETFORT01

## VARIABLES

Address	Type	Name									
2-0000019C	I*4	I	2-00000194	I*4	ICU	2-00000190	I*4	IPU	2-00000198	I*4	ISW
2-000001A0	I*4	J	2-000001A4	I*4	K	2-000001A8	I*4	L	2-000001AC	I*4	M
2-000001B0	I*4	N	2-0000018C	I*4	S						

## ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*4	A	40	(10)
2-00000028	I*4	B	100	(5, 5)
2-0000008C	I*4	C	256	(4, 4, 4)

## LABELS

Address	Label										
0-000000A3	1	0-000000E1	2	0-0000012E	3	1-0000010E	4	**	5	**	6
**	7	**	8	**	9	**	11	**	12	**	13
**	14	**	15	**	16	**	17	0-00000505	18	0-0000051C	19
**	20	1-00000049	21	0-0000053A	30	1-00000084	31	0-00000564	32	0-00000580	40

UETFORT01

J 8  
16-Sep-1984 01:53:36  
5-Sep-1984 20:38:33

VAX-11 FORTRAN V3.4-56

DISK\$VMSMASTER:[UETP.SRC]UETFORT01.FOR;1

Page 4

1-000000B0 41' 0-000005AC 50' 0-0000018B 200' 1-00000000 376'

1-000000DF 51' 0-000001F6 201' 1-0000006C 377'

0-000002B4 60' 1-00000032 378'

0-000003CA 80' 0-000004FC 81' 0-000004FC 204'

#### COMMAND QUALIFIERS

FORTRAN /LIS=LIS\$:UETFORT01/OBJ=OBJ\$:UETFORT01 MSRC\$:UETFORT01

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)  
/DEBUG=(NOSYMBOLS,TRACEBACK)  
/STANDARD=(NOSYNTAX,NOSOURCE FORM)  
/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)  
/F77 /NOG\_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD\_LINES /NOCROSS\_REFERENCE /NOMACHINE\_CODE /CONTINUATIONS=19

#### COMPILE STATISTICS

Run Time: 4.58 seconds  
Elapsed Time: 11.83 seconds  
Page Faults: 156  
Dynamic Memory: 197 pages

UET  
V04

0411 AH-BT13A-SE  
VAX/VMS V4.0

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UETFORT03  
LTS

UETFORT01  
LTS

UETLPK00  
LTS

UETNETS00  
LTS

UETDR1W00  
LTS

UETFORT02  
LTS